

Intramural Grant-2021

For the year 2021

Sl. No.	Name of the Project	Duration	Name of Teachers/Students	The amount of seed money	Year of receiving
1	Standardization of Multiplex Real Time PCR for detection of M. Leprae	1 year	Dr. Parul Jain, Assistant Professor, Microbiology	122000	2021
2	Genomic Characterization of Hepatitis C Virus Infected patients who are Non-responders to Direct Acting Antiviral Therapy in the tertiary hospital care setup	1 year	Dr. Suruchi Shukla, Assistant Professor, Microbiology	190000	2021
3	To evaluate the bone mineral status in children with type 1 diabetes mellitus - a hospital based case control study	1 year	Dr. Arpita, Associate Professor, Pediatrics	210000	2021
4	Calcium & Vitamin D deficiency in Children: Design & Validation of questionnaire to assess Knowledge, Attitude & Practices of Parents	1 year	Dr. Suresh Chand, Assistant Professor, Pediatric Orthopedics	50000	2021
5	Determination of micrometastatic cells and their sensitization by radiotherapy and estimation of DNA damage repair in breast cancer patient	1 year	Dr. Satyendra Kumar Singh, Associate Professor, Stem Cell & Cell Culture Lab for Advance Research	210000	2021
6	Heavy metal level estimation in patients with complete heart block of unknown etiology: A pilot project	1 year	Dr. Ayush Shukla, Assistant Professor, Cardiology	105000	2021
7	Magnesium sulphate (magsalf) for fetal neuroprotection given in spontaneous preterm birth versus magnesium sulfate for hypertensive disorder of pregnancy versus preterm newborn not receiving magsalf - A comparative prospective cohort study	1 year	Dr. Shalini Singh, Associate Professor, Obstetrics & Gynaecology	280000	2021
8	Coorelation of Serum Angiopoietin - 1&2 & Endothelin - 1 with prevalence and severity of pulmonary hypertension (PH) in patients of chronic obstructive pulmonary disease (COPD)"	1 year	Dr. Jyoti Bajpai, Assistant Professor, Respiratory Medicine	150000	2021
9	Customized Soft Acrylic versus Thermoplastic Splint following release of Post Burn Contracture of the Hands: A Comparative Study	1 year	Dr. Harsh Vardhan, Assistant Professor, Plastic Surgery	165000	2021
10	Comparision of Percutaneous VS Open Hamstring Lengthening in Patients of Spastic Diplegic Cerebral Palsy	1 year	Dr. Syed Faisal Afaque, Assistant Professor, Pediatric Orthopedic	100000	2021
11	A study on evaluating the role of HSP27 as diagnostic and prognostic biomarker in Oral potentially malignant disorders and Oral squamous cell carcinoma	1 year	Dr. Priyanka Singh, Associate Professor, Oral Pathology & Microbiology	245000	2021
12	Study of Endocrine Dysfunction in Patients with Juvenile Idiopathic Arthritis	1 year	Dr. Sayan Mukherjee, SR, Clinical Immunology & Rheumatology	150000	2021
13	Study of single nucleotide polymorphism in MGMT gene promoter region and correlation with MGMT methylation status and prognosis in glioblastoma	1 year	Dr. Krachi Agarwal, JR-1, Department of Pathology, KGMU	155000	2021
14	Infection Profile of Patients and Utility of Neutrophil CD64 Expression, Presepsin, Procalcitonin, Neutrophil to Lymphocyte Ratio and CRP in Differentiating Infections From Flares in Systemic Lupus Erythematosus	1 year	Dr. Mukesh Kumar Maurya, SR, Department of Clinical Immunology and Rheumatology	150000	2021
15	Analysis and relevance of single or combination mutations of BRAF, TERT and NRAS genes and their Clinico-pathologic relationship in Papillary Thyroid Carcinoma: A study using sanger sequencing	1 year	Dr. Isha Makker, JR, Department of Pathology, KGMU	145000	2021
16	A comparative study to evaluate masticatory performance and satisfaction level of the patient with conventional and three appointment complete denture	1 year	Dr. Deep Shikha Tripathi, JR-1, Prosthodontics and Crown & Bridges	96300	2021
17	Contribution of GHR, IGF1R and IGF2R in determining the craniofacial pattern and proportions - a genetic study	1 year	Dr. Gulnaz Husain, JR-II, Orthodontics & Dentofacial Orthopaedics	111500	2021
18	Association of Polymorphisms in IGF-1, GHR and PAX-9 genes with tooth size	1 year	Dr. Varun Gupta, JR-II, Orthodontics & Dentofacial Orthopaedics	100000	2021
19	Expression Pattern of MUC1 and MUC4 in Oral Premalignant Disorders and Oral Squamous Cell Carcinoma and Normal Oral Mucosa in an Attempt to Analyze its role played in oral carcinogenesis	1 year	Dr. Sharon John, JR-1, Oral Pathology and Microbiology	122000	2021
20	A comparative Evaluation of Efficacy of Different Irrigants on Semar Layer in Root Canals of Deciduous Teeth With Conventional Irrigation Vs Passive Ultrasonic Irrigation : An In-Vitro Sem Study	1 year	Dr. Alisha Jadhav, JR-1, Pediatric & Preventive Dentistry	86090	2021
21	CD44 expression in different histological grades of renal cell carcinoma with clinicopathological correlation	3 months	Ms. Varsha Singhal, MBBS 2019, Pathology	45000	2021
22	Microbial contamination of surgical scrubs & mobile phones in the operating theatre-A pilot study	3 months	Mr. Vaibhav Singh, MBBS 2nd year, Microbiology	10000	2021
23	Diphtheria: A prospective study of incidence of diphtheria in the emergency unit of the department of Pediatrics in a hospital of a medical University of Northern India.	3 months	Mr. Shubhajeet Roy, MBBS 2019, Ms Aditi Shah, MBBS-2019, Pediatrics	17000	2021

24	An observational prospective study of suspected poisoning cases admitted in Medicine and Pediatric department of a North-Indian teaching medical university to find out the types, cause, treatment modalities and outcomes.	3 months	Ms Yashita Khulbe, MBBS student and Mr. Yash Chandani, MBBS student, Forensic Medicine & Toxicology	2000	2021
25	Mapping Neurosurgery Practice in India: A survey - based cross-sectional study	3 months	Mr. Vinay Suresh, MBBS 2nd year, Neurosurgery	12000	2021
26	Effect of beetroot juice rinse on oxidative stress and microbial profile of patients with oral lichen planus - A randomized clinical study	3 months	Ms. Snehlata Kaushik, Periodontology	75000	2021